INDEX TO VOLUME VI

(An asterisk [*] after a page number indicates that the reference is an abstract and not an original article.)

A

Alcohol, paravertebral injections of, for the relief of cardiac pain, 840*

Allen, Ellery G., and Reifenstein, E. C., 274

Amyl nitrite, effect of, on the size of the heart and the width of the aortic shadow as determined roentgenologically, 299*

Anderson, Dorothy H., and Baily, F. R., 338

Anderson, Marie C., 578*

Andren, Thekla, Levine, S. A., and Homans, K., 430*

Anemia, change in size of heart in, 517 Aneurysm, aortic, rupturing into the conus arteriosus of the right ventricle, 838*

arteriovenous, between aorta superior vena cava, 281

surgical, the treatment of thoracic aneurysm by, 426 of the thoracic aorta, 274

Angina pectoris, case for and against operative treatment of, 840* comparison, with experimental tem-

porary occlusion. coronary 580*

electrocardiographic changes during brief attacks of, 579*

inhalation treatment of, and intermittent claudication, 548

in the young adult, 423

observations on, 714*
rôle of syphilis in the etiology of,

Antopal, William, Gross, L., and Sacks, B., 575*

Aorta, aneurysm of, 274 arteriovenous between superior vena cava, 281

coarctation of, dynamics of the circulation in, 718*

fluoroscopic studies of heart and, in syphilis, 67

localization of luctic virus in, 42

roentgen study, 834* studies of, with reference to luctic aortitis, 77

thoracic, unusual variation of the roentgen shadow of the elongated, 768

Aortic valve, calcareous, 349

insufficiency, syphilitic, 56 differentiation of, from functional and other forms of, 107

experimental, changes in ventricular size and in left ventricular discharge, 299*

symptoms and clinical course,

sclerosis of, clinical aspects of, 436* subclavian pulse in disease of, 778 Aortitis, syphilitic, roentgenological di-

agnosis in, 59 studies of the aorta in, 77 with negative Wassermann reac-

tion, 116
Arnett, John H., and Long, Charles-Francis, 838*
Arsenicals, use of, in treatment of

cardiovascular syphilis, 142

Arteriosclerosis, coronary, rôle of syphilis in etiology of, 163

Arteritis, primary bacterial pulmonary, case of patent ductus arteriosus with, 555

streptococcus viridans of pulmonary artery associated with patent ductus arteriosus and pulmonic stenosis, 584*

Arthritis, chronic infectious, subcutaneous nodules in, 438*

Ashman, Richard, and Herrmann, G., 375

Auricle, anomaly of, 230

contraction of, influence of, on first heart sound and radial pulse, 438*

Ayman, David, 839* and Pratt, J. H., 716*

Bacteria, tissue reaction in rabbits following intravenous injection of, 294*

Bailey, F. R., and Anderson, D. H., 338 Bain, C. W. C., and East, C. F. T., 445 Baker, Benjamin M., Jr., and Carter, E. P., 715*

Balboni, Gerardo M., Bland, E. F., and White, P. D., 585*

Baldrich, C. W., and Fowler, W. M., 183 Ball, David, 517 Barcroft, J., and Izquierdo, J. J., 830* and Verzár, J., 830*

Barium chloride in the Stokes-Adams syndrome of complete heart-block, 431*

Barker, Paul S., Wilson, F. N., and Mac-Leod, A. G., 637

Barnes, Arlie, R., Margolis, H. M., and Ziellessen, F. O., 349

Batson, Oscar V., and Bellet, S., 206 Baxter, W. S., and Cullinan, E. R., 420 Bedford, D. Evan, and Parkinson, J., 579*

Bellet, Samuel, and Batson, O. V., 206 Beresford, E. H., and Earl, C. J. C., 578*

Bismuth subnitrate in the treatment of arterial hypertension, 305*

Blackford, L. Minor, and Hoppe, L. D., 718*

and White, P. D., 333

Bland, Edward F., Balboni, G. M., and White, P. D., 585*

Hampton, A. O., and Sprague, H. B.,

Blood flow, velocity of circulatory response to thyrotoxicosis, 297* comparison of, in myxedema and thyrotoxicosis, 297*

relation of changes in, and blood velocity to changes of posture, 437*

oxygen and CO2 of, from the internal jugular and other veins, 304*

pressure, arterial, experimental evidence of the controlling action of the aortic and carotid sinus nerves upon the rise of,

diastolic, in essential hypertension, its variability, 839

vessel disease, peripheral, dermatherm in relation to, 683

methods for estimating the degree of sympathetic vasoconstric-

tion, 719* Blotner, Harry, 303*

Blumgart, Herrman L., Gargill, S. L., and Gilligan, D. R., 297* Lawrence, J. S., and Ernstene, A. C,

718*

Boas, Ernst P., 788, 836* Bock, A. V., Dill, D. B., and Edwards,

Н. Т., 437*

Bogan, M. E., Hurxthal, L. M., and Menard, O. J., 575* Boots, R. H., and Dawson, M. H., 438* Borman, Mitton C., and Meek, W. J.,

831*

Boswell, Clarence H., and Palmer, H. J., 717*

Bowie, Morris A., Powers, J. H., and Pilcher, C., 833*

Brams, William A., and Gaberman, P., 804

and Strauss, H. A., 299* Bramwell, Crighton, and Ellis, R., 714* Brown, George E., 298*

Buffum, William P., 475* Byron, Charles S., and Wishnofsky, M., 717*

Calhoun, J. Alfred, and Harrison, T. R.,

Cullen, G. E., Clark, G., and Harrison, T. R., 582*

Pilcher, C., Cullen, G. E., and Harrison, T. R., 296*

Campbell, Maurice, and Parkinson, J., 578

Carr, James G., 30

and Hines, L. E., 142 and McClure, W. B., 824 Carter, Edward P., and Baker, B. M, Jr., 715*

Casey, Gertrude U., Chillingworth, F. P., and Haskins, F. E., 832* Cassio, P., and Padilla, T., 321

Chapin, Laurence D., 838* Chillingworth, Felix P., Haskins, F. E., and Casey, G. U., 832*

Circulation changes following birth, 192 Clark, Gurney, Pilcher, C., and Harrison, T. R., 296* Claudication, intermittent, inhalation

treatment of, and angina pectoris, 548

Clawson, B. J., 294*, 836* Coburn, Alvin F., 842

Cold, effect of exposure to, on the pulse rate and respiration of man, 830*

Cooksey, Warren B., and Freund, H. A., 608

Cookson, Harold, 293*

Coronary artery, involvement of, in rheumatic fever, 576*

in health and disease, 589 disease in diabetes mellitus, 303* occlusion (book review), 721

acute, appearance time of T-wave changes in electrocardiogram following, 304*

experimental temporary, comparison with angina pectoris, 580*

heart sound failure in, a phonocardiographic study, 577'

mild forms, 597*

electrocardiographic s'udies serial in, 608

with complete heart-block and relative ventricular tachycardia, 820

rupture, hemopericardium, 713* thrombosis, in an infant aged four

months, 838* Cotton, Thomas F., 576* Cowan, John, 714*

Crummer, LeRoy, 308 Crumrine, R. M., and Ramsay, R. E., 838*

Cullen, Glenn E., and Harrison, T. R., 582*

Cullen, Glenn E., Calhoun, J. A., Clark, G., and Harrison, T. R., 582* Pilcher, C., and Harrison, T. R.,

Cullinan, E. R., and Baxter, W. S., 420

Danglade, James H., and Moore, J. E., 148

Dawson, M. H., and Boots, R. H., 438* Death, mechanism of, of human heart as recorded in the electrocardiogram, 743

DeGraff, Arthur C., and Gold, H., 301* and Strax, P., 807

De La Chapelle, Clarence E., and Graef, I., 835*

Derick, C. L., Hitchcock, C. H., and Swift, H. F., 295*

Dextrocardia, congenital, an apparently unique case of, 838

Diabetes mellitus, coronary disease in,

Digitalis, assay of tincture of, 832* bodies, qualitative comparison of, 237 circulatory changes after full thera-peutic doses, 300*

with special reference to the liver and comparison with histamine and epinephrin, 306*

measurements in patients with rheumatic heart disease before and after administration of, 3013

dosage in auricular fibrillation, influence of the activity of the cardiac nerves on the size of the effective dose, 788

effect of, on the T-wave of the electrocardiogram, experimental study in human beings, 804

on the premature auricular contraction, associated with attacks of paroxysmal auricular fibrillation, 458

standardization, main factors of, with a new assay method, 437*

in ambulatory cardiac pastudies tients, 301*

therapy in lobar pneumonia, studies concerning, 432*

the value in the treatment of children with rheumatic heart disease,

Dill, D. B., Bock, A. V., and Edwards, H. T., 437*

Diphtheria, circulatory failure of, treatment of, 293*

Dock, William, 690
and Tainter, M. L., 300*
Doumier, Ed., Laubry, C., Routier, D.,
and Waller, J., 444

Drake, Carl B., 436* Drake, E. H., 834* Drinker, Cecil K., and Field, M. E , 439*

DuBois, Louis, and Nyiri, W., 437* Ductus arteriosus, case of primary bacterial pulmonary endarteritis, 555

Dunning, Henry S., 565

Earl, C. J. C., and Beresford, E. H., 578*

East, C. F. T., and Bain, C. W. C., 445 Eckels, John C., and Shoemaker, R., III, 430*

Eddy, Howard C., and Taylor, H. P., 683 Edwards, H. T., Bock, A. V., and Dill, D. B., 437*

Electrocardiogram, appearance time of following T-wave changes acute coronary occlusion, 304

changes in myocardial ischemia, 522 in pneumonia, 696

clinical significance of abnormalities of, 833*

complete inversion of Lead III of, 333

large Q-wave in Lead III, 437* splintering of terminal portion of the QRS deflections, 472 in obesity, 577*

interpretation of the mitral deflection of the ventricular complexes

of the, 637 low voltage T-waves in, 579*

methods of study of, and the norma!, 834*

occurrence and significance of, displaying large Lead III, 723 Q-waves in

studies in infectious diseases, 541 in study of cardiac ar-rhythmias, bradycardia, and use of, tachycardia, 834

Electrocardiography, clinical, (book review), 721

Electrodes, needle, value of, in electrocardiographic diagnosis, 536

Eliason, E. L., and Wood, F. C, 581* Elliot, Albert H., and Nuzum, F. R., 713*

Ellis, Lawrence B., and Weiss, S., 301*, 305*

Ellis, Reginald, and Bramwell, C., 714* Endocarditis, infectious, diagnosis and treatment, (book review), 440

pneumonococcie, with early calcification and with calcareous renal emboli, 420

streptococcus viridans in children, 434* Endocardium, pockets in, 584* Epistaxis and vomiting in rheumatic in-

dividuals, 430*

Ernstene, A. Carlton, Blumgart, H. L., and Lawrence, J. S., 718* Ewing, George, Harrison, T. R., and Pilcher, C., 296* Eyster, J. A. E., and Kurtz, C. M., 67 and Meek, W. J., 582*

Faulkner, James M., 834* Feil, Harold, 778

and Steuer, L., 472

Feil, H. S., Katz, L. N., Moon, R. A., and Scott, R. W., 522

Feinberg, Sidney C., and Samuels, S. S., 255

Fibrillation, auricular, 578*

and flutter in metastatic growths of the right auricle, 434*

as the only manifestation of heart disease, 183

digitalis dosage in, 788

effect of, on the operative risk in hyperthyroidism, 431*

etiology and prognosis, 293* in the newly born infant, 824

ventricular, with cardiac recovery, caused by carotid sinus pressure in a case of auricular fibrillation, 758

Field, M. E., and Drinker, C. K., 439* Findlay, Leonard, MacFarlane, J. W., and Stevenson, M. M., 580*

Fishberg, Arthur M., 434*

Fitzhugh, Greene, 430*

Flutter, auricular, and fibrillation in metastatic growth of the right auricle, 434*

Foramen ovale, closure of, 830* Foulger, John H., and McGuire, J., 536 Fowler, W. M., and Baldridge, C. W., 83 Freund, Hugo A., and Cooksey, W. B.,

Gaberman, Peter, and Brams, W. A., 804 Gager, Leslie T., 103, 444

Gargill, Samuel L., Blumgart, H. L., and Gilligan, D. R., 297*

Gelfand, Ben., Gold, H., Hitzig, Wm., and Glassman, H., 237

Garaudel, Emile, 307

Gilligan, Dorothy Rourke, Blumgart, H. L., and Gargill, S. L., 297*

Given, Thurman B., 132

Glassman, Herman, Gold, H., Hitzig, Wm., and Gelfand, B., 237

Gold, Harry, and DeGraff, A. C., 307* Hitzig, Wm., Gelfand, B., and Glass-man, H., 237

Gordon, Harry, and Perla, D., 584* Graef, Irving, and De La Chapelle, C. E., 835*

Graybiel, Ashton, and Sprague, H. B., 438*

Grimes, Eli, 834*

Gross, Louis, and Leslie, E., 665 Antopal, W., and Sacks, B., 575* Hampton, A. O., Bland, E. F., and Sprague, H. B., 77

Hansen, Olga J., and King, F. W., 433* Harrison, Tinsley R., and Pilcher, C., 295*

Pilcher, C., and Clark, G., 296*

Pileher, C., and Ewing, G., 296* Calhoun, J. A., Cullen, G. E., and Clark, G., 582*

Pilcher, C., Calhoun, J. A., and Cullen, G. E., 296*

Harvey, Earle A., and Levine, S. A., 432*

Haskins, Frank E., Chillingworth, F. P., and Casey, G. U., 832

Hauffe, George, 306

Heart-block, barium chloride in the Stokes-Adam's syndrome of, 431*

bundle branch, 577*

interpretation of, by means of the monocardiogram, 447 partial, 375

right, 285

complete and relative ventricular tachycardia, coronary thrombosis with, 820

congenital, 289

sino-auricular, 478

bullet in, 430* congenital abnormality of, funetionally two chambered heart, 718

patent ductus arteriosus and pulmonie stenosis associated with subacute bacterial endarteritis artery, 584* \mathbf{of} pulmonary

pulmonic stenosis with late onset of cyanosis, 838*

disease, (book review), 444, 445, 841 clinical features of, (book review), 308

configuration of the heart in, 436* in children, congenital syphilis as a cause of, 136

due to congenital syphilis, 132 in general practice, 838*

in obstetrical practice, 839* in the Rocky Mountain region, 264 methods of study by the roentgen

ray, 834* mitral, treatment in children, 576*

problems associated with urinary retention, 578* rheumatic, circulatory measurements in patients with, before and after administration of

digitalis, 301* digitalis, its value in the treatment of children with, 718* management of convalescence in,

paroxysmal cardiac pain in patients with, 565

INDEX

Heart Disease, Rheumatic-Cont'd urobilinuria in children with.

syphilitic, certain aspects of, 715* examinations of, standardized procedure for microscopic studies of. 575*

failure, buffering power of the blood and plasma, 296*

congestive, effect of administration of dibasic potassium phosphate on the potassium content of certain tissue, 582*

effect of overwork and other factors on potassium content of the cardiac muscle, 582*

effect of overwork on the potasof skeletal sium content muscle, 582*

liver function in, 583*

formed elements in urinary sediment of patients suffering from heart disease, 583*

frequency of, effect of exposure to cold on the, of man, 830* potassium content of skeletal and

cardiae muscle, 296* muscle obtained by biopsy, 296*

respiratory exchange during and after exercise, 295* fluoroscopic studies of aorta and, in

syphilis, 67 in children with congenital syphilis, 128

in old age, 835*

mechanism of, and its abnormalities,

(book review), 307 death of, as recorded in the electrocardiogram, 743

anatomy, studies of, from patients dying with hyper-thyroidism, 715* morbid

muscle, potassium content of, of persons dying from edematous non-edematous and conditions, 581*

ischemia of, rôle in producing R-T deviations in the electrocardiogram, 833*

paravertebral injections pain. alcohol for the relief of, 840* pathology of, in cardiovascular syphilis, 30, 37

in syphilitic aortic insufficiency, 56 preservation, paraffin infiltration, 665 pulsation of, and movements of blood, (book review), 306

recovery of, after ventricular fibrillation, 758

resuscitation of, by intracardiac therapy, 302*

roentgen study of, 834*

rupture, 578*

size of, effect of amyl nitrite on, and the width of the aortic shadow as determined roentgenographically, 299*

Heart, size of—Cont'd in goiter, a teleroentgenographic study, 575

849

sound, failure in acute coronary occlusion, 577

influence of auricular contraction on the first sound, 438*

status of, in myxedema, 734 symptoms, hyperthyroidism with low metabolic rate, 730

volume, enormous increase of, with mitral stenosis, 585*

Henderson, Yandell, 548 Herrick, James B., 589

Herrmann, George, and Ashman, R., 375

Hill, Ian G. W., 577*
Hines, Laurence E., and Carr, J. G., 142
Hiscock, Mabelle, Richards, D. W., and
Riley, C. B., 584*

Histamine, further observations on the circulatory action of digitalis and strophanthin with spe-cial reference to the liver and comparisons with epi-nephrine and, 300*

Hitchcock, C. H., Derick, C. L., and Swift, H. L., 295* McEwen, C., and Swift, H. L., 433*

Hitzig, William, Gold, H., Gelfand, B., and Glassman, H., 237 Homans, Katharine A., Levine, S. A., and Andren, T., 430*

Hoppe, Lewis D., and Blackford, L. M., 718*

Horine, Emmet F., and Weiss, M. M., 121

Hoskins, Jenner, 431* Hurxthal, Lewis M., 304,* 833*

Menard, O. J., and Bogan, M. E., 575*

Hyman, Albert S., 302* and Parsonnet, A. E., 431,* 577* Hypertension, (book review), 444 arterial, (book review), 587

analysis of 500 instances of, 713* bismuth subnitrate in the treatment of, 305*

rational treatment of, 305* earbohydrate metabolism in, 717* essential, contributions to the problem of, 716*

diastolic blood pressure, 839* nature of symptoms associated with, 716*

treatment of, 304* postural, 225

relation of, to syphilis, 121 Hyperthyroidism, cardiac symptoms with

low metabolic rate, 730 Hypotension postural, 839*

Induration of lung, pathogenesis of, 171 Ingraham, Ruth, and Maynard, E. P., Jr., 82

Insulin shock and the myocardium, 575* Izquierdo, Jose Joaquin, 832* and Barcroft, J., 830*

Jaffe, H., Master, A. M., and Romanoff, A., 696 Jolliffe, Norman, 436*

Kaiser, Albert D., 303* Ratz, L. N., and Siegel, M. L., 672 and Wallace, A. W., 438, 833* Feil, H. S., Moore, R. A., and Scott, R. W., 522 Kally, Luther W. 285 Kelly, Luther W., 285 King, Frances W., and Hansen, O. S., 433^* Koch, Eberhard, 720 Korns, Horace Marshall, 423

Kurtz, Chester M., and Eyster, J. A. E.,

67 L Larson, Ralph M., and Trimble, W. H., 555 Laubry, Charles, Routier, D., Walser, J., and Doumier, E., 444 Н. L., Lawrence, John S., Blumgart, and Ernstene, A. C., 718* Leech, Clifton B., 434* Lennox, William G., and Leonhardt, E., 304* Leonhardt, Erna, and Lennox, W. G., 304* Leslie, Eugenie, and Gross, L., 665 Levine, Samuel A., 116 and Harvey, E. A., 432* Andren, T., and Homans, K. A., 430* Levy, Robert L., 579* and Moore, R. L., 840* Lewis, Sir Thomas, 721 Lloyd, Wray, 438, 504 Long, Charles-Francis, and Arnett, J. Н., 838* Lungs, collapse, influence of on electrocardiogram, 433*

MacFarlane, James W., Findlay, L., and Stevenson, M. M., 580* MacLeod, A. Garrard, Wilson, F. N., and Barker, P. S., 637 McClure, William B., and Carr, J. G., 824 McCrudden, Francis H., 586* McCulloch, Hugh, 136 McDonald, R. H., 561 McEachern, Donald, and Rake, G., 715* McEwen, Currier, Hitchcock, C. H., and Swift, H. F., 433* McGuire, Johnson, and Foulger, J. H., 536 McIlroy, Dame Louise, and Rendel, O., 839* McKinlay, C. A., 436* McMeans, J. W., 42 Maher, Chauncey C., 37 Mann, Hubert, 447

Margolies, Alexander, and Wolferth, C. C., 438* Margolis, Harry M., Zielessen, F. D., and Barnes, A. R., 349 Marathon runners, observations on the eirculatory mechanism 714* Martland, Harrison S., 1 Masters, Arthur M., 579* Romanoff, A., and Jaffe, H., 696 Maynard, Edwin P., Jr., and Ingraham, R., 82 Meek, Walter J., and Borman, M. C., 831* and Eyster, J. A. E., 582* Menard, O. J., Hurxthal, L. M., and Bogan, M. E., 575* Mignot, R., Sergent, E., and Turpin, R., 440 A. Graeme, and Theodore K., 837* Mitchell, and Selkirk. Mitral valve, stenosis, enormous increase of heart volume with, 585* experimental, rimental, acute, es namic effects of, 672 eardiodyexperimental, observation on circulation in, 833* observation on, among Chinese, 431* Monocardiogram, interpretation bundle-branch block by means Moon, R. A., Feil, H. S., Katz, L. N., and Scott, R. W., 522 Moon, V. H., and Stewart, H. L., 583* Moore, Adams D., Previtali, G., and Nicholson, G. H. B., 128 Moore, Joseph Earle, and Danglade, J. H., 148 Moore, Norman S., and Stewart, H. J., 583* Moore, Richmond L., and Levy, R. L., 840 Morenas, Leon, and Pic, A., 306 Morris, Roger S., 730 Morton, John J., and Scott, W. J. Merle, 298,* 719* Moschowitz, Eli, 171 Myocarditis, interstitial acute, 238 and insulin shock, 575* chronic, a clinical and pathological study, 430* isolated, acute, 835* Myocardium, in yellow fever, 483, 504 ischemia of, electrocardiographic changes in, 522

Myxedema, status of heart in, 734

Nicholson, Gertrude H. B., Previtali, G., and Moore, A. D., 128 Niles, Walter L., and Wyckoff, J., 432*

Node, sino-auricular, boundaries of, in the human heart, 585* rhythm subsequent to destruction by radon of, 831*

851 INDEX

Noel, William M., and Schwentker, F. F., 293

Nuzum, Franklin R., and Elliot, A. H., 713*

Nye, Robert N., and Parker, F., Jr., 294*

Nyiri, William, and DuBois, L., 437*

Oatway, William H., and Middleton, W. S., 575* Obesity, electrocardiogram in, 577* O'Hare, James P., 586* Olcott, Charles T., 713*

Packard, Frederic, Jr., and Wechsler, H. F., 281

Padilla, T., and Cassio, P., 721

Palmer, George A., 230

Palmer, Harold D., and Boswell, C. II., 717

Palmer, Robert S., 304,* 586*

Pardee, Haroid E. B., 431" Parker, Frederick, Jr., and Nye, R. N., 294

Parkinson, John, and Bedford, D. Evan, 579*

and Campbell, M., 578*

Parsonnet, Aaron E., and Hyman, A. S., 431,* 577*

Patten, Bradley M., 182, 830*

Pericarditis effusion, 581 of unknown etiology necessitating repeated paracentesis, 561 rheumatic in childhood, 580*

Pericardium, absorption from eavity of, 439*

cyst of, 710

Peritonitis, rheumatic, 581*

Perla, David, and Gordon, H., 584* Pie, Adrien, and Morenas, L., 306

Pilcher, Cobb, Calhoun, J. A., Cullen, G. E., and Harrison, T. R., 296*

Clark, G., and Harrison, T. R., 296* Harrison, T. R., 295*

and Ewing, G., 296* Powers, J. H., and Bowie, M. A., 833* Pneumonia, electrocardiographic changes

in, 696 studies concerning digitalis therapy

in, 432* Powers, John H., Pilcher, C., and Bowie,

M. A., 833* Pratt, Joseph H., and Ayman D., 716* Premature contractions, auricular, associated with paroxysmal auricular fibrillation, effects of

digitalis on, 458 ventricular, effect of, on auriculo-ventricular conduction time, of the next auricular impulse, 416

Previtali, Guisseppe, Nicholson, G. H. B., and Moon, A. D., 128

Proger, Samuel H., 577*

Pulmonary artery, thrombosis progressive, 717*

valve, stenosis, acquired rheumatic,

R

Raab, W., 716* Rake, Geoffrey, and McEachern, D., 715* Ramsay, Robert E., and Crumrine, R.

M., 838* Reid, William D., 91, 585,* 838* Reifenstein, Edward C., and Allen, E. G., 274

Reinhart, Alfred S., 836* Rendel, Olive, and McIlroy, Dame L., 839*

Rheumatic fever, antistreptococcus serum treatment of patients with, 433*

evolution of the clinical concept of, 836

experimental lesions in dogs and in rabbits, 583*

factor of infection in the state of, (book review), 842

factors favoring the onset and continuation of, 625

in adult Porto Rican immigrants, 836*

in childhood, 434*

intravenous vaccination with hemolytic streptococci, 837

involvement of coronary arteries in, 576*

vaccine therapy in, experimental, relation to and possible basis for, 836*

Richards, Dickinson W., Riley, C. B., and Hiscock, M., 584*

Riecker, H. H., and Upjohn, E. G., 225 Riley, Constance B., Richards, D. W., and Hiscock, M., 584*

Romanoff, A., Masters, A. M., and Jaffe, H., 696

Rösler, Hugo, 834* and White, P. D., 768 Routier, Daniel, Laubry, C., Walser, J., and Doumier, E., 444

Sacks, Benjamin, Gross, L., and Antopal, W., 575*

Salyrgan as a diuretic, 438* Samuels, Saul S., and Feinberg, S. C., 255

Sanders, Audley O., 820, 839*

Sanders, Audiey O., 829, 839*
Sanders, C. A., and Schwab, E. H., 838*
Saphir, Otto, 584*
and Scott, R. W., 56
Schmitz, Herbert W., 585*
Schwab, Edward H., 404
and Sanders, C. B., 838*
Schwartz, Sidney P., 458
and Shilling, D. 568

and Shilling, D., 568

Schwentker, Francis F., and Noel, W. M., 293*

Sclar, Meyer, 289 Scott, L .C., 581* Scott, R. W., and Saphir, O., 56 Feil, H. S., Katz, L. N., and Moon, R. A., 522 Scott, W. J. Merle, and Morton, J. J., 298,* 719* Selkirk, Theodore K., and Mitchell, A. G., 837* Sergent, E., Mignot, R., and Turpin, R., 440 Sheldon, Wilfrid, 434* Shilling, David, and Schwartz, S. P., 568 Shoemaker, Robert, III, and Eckels, J. C., 430* Shookhoff, Charles, 758 and Taran, L. M., 541 Siegel, Mortimer L., and Katz, L. N., 562 Simpson, J. Levy, 309 Slater, Solomon R., 576* Smith, Arthur L., 436* Sosman, Merrill, 834* Sprague, Howard B., 585* and Graybiel, A., 438* Hampton, A. O., and Bland, E. F., 77 Sproull, John, 834* Steel, David, 59 Steuer, Leonard, and Feil, H., 472 Stevenson, Mary M., Findlay, L., and MacFarlane, J. W., 580* Stewart, Harold J., and Moore, N. S., 583* Stewart, H. L., and Moon, V. H., 583* Sloan, G., 578* Stieglitz, Edward J., 305,* 587 Strauss, Herman A., and Brams, W. A., Strax, Philip, and DeGraff, A. C., 807 Streptococcus, hemolytic, intravenous vaccination with, 837* experimental inflammation in normal, immune and hypersensitive animals, 294*
localization of, in the tissues of rabbits, 294* non-hemolytic, modes of sensitization in rabbits, 295*
serum treatment of patients
rheumatic fever, 433* Strophanthus, further observation on the circulatory action of digitalis and, with special reference to the liver and comparison with histamine and epinephrine, 300* Suprarenalin, further observation on the circulatory action of digitalis and, with special reference to the liver and comparison with histamine and epinephrine,

300* Sutton, Lucy Porter, 581* and Wyckoff, J., 718*

Swift, Homer F., 625 and Wilson, M. G., 837* Derick, C. L., and Hitchcock, C. H., 295* Hitchcock, C. H., and McEwen, C., 433* Sympathectomy, observation on the surface capillaries in man following cervicothoracic sympathetic gangleonectomy, 298* eardiovascular, diagnosis of, Syphilis, gross pathology of heart in, 30 study of course of, 113 treatment of, 148 principles underlying, 157 use of intravenous arsenicals in treatment of, 142 congenital, as a cause of heart disease, 136 clinical heart findings in children with, 128 heart disease in children due to, 132 early, electrocardiograms and roentgenograms in, 82 fluoroscopic studies of the heart and aorta in, 67 localization of virus of, in the aorta, 42 of the aorta, 1 microscopic pathology, 37 relation of, to hypertension, 121 rôle of, in etiology of angina pectoris, coronary arteriosclerosis and thrombosis and of sudden cardiac death, 163 Systole, electrical, duration of, as an index of myocardial efficiency, ia, ventricular paroxysmal, 578* Tachycardia, observation on the etiology and treatment of, 404 relative and complete heart-block, coronary thrombosis 820 Tainter, M. L., and Dock, W., 300* Taran, Leo M., and Shookhoff, C., 54 Taussig, Helen B., 585* Taylor, Howard P., and Early, H. C., 683 Temperature, relation of, to pulse rate of frog, 830*
Theisen, Harold, Wiggers, C. J., and Williams, H. A., 299* Thromboangiitis obliterans, the heart in, 255 Thrombus, mural, study of, 432* Thyroid, hyperthyroidism, effect auricular fibrillation on the operative risk in, 431* of the morbid anatomy of hearts from patients dying study with, 715*

size of the heart in goiter, 575*

Tension, arterial, effect of intrathoracic pressure on, 834* capillary, a new method

clinical determination of human, 807

Tonsillectomy, evaluation of the results of, 837* results of, 303*

Trewhella, Arthur P., and Yater, W. M., 840*

Trimble, W. H., and Larson, R. M., 555 Tuberculosis, cardiovascular, (book review), 306

and roentgenoelectrocardiographic graphic studies of the heart

in, 433* Tung, C. L., 734

Turner, Kenneth B., 743 Turpin, R., Sergent, E., and Mignot, R.,

Upjohn, E. G., and Riecker, H. H., 225 Urine retention, problems of cardiae disease associated with, 578* cardiac sediment, formed elements in, of patients suffering from heart disease with particular reference to the stage of heart failure, 583*

Urobilinuria in children with rheumatic heart disease, 585*

Uttal, Joseph, 426

Valentine, Eugenia, and Van Meter, M. 294

Van Meter, Martha, and Valentine, E., 294*

Vasomotor system, contribution to the problem of essential hypertension, 716*

instrumental methods in the study

of disease of, 309 measurement of sympathetic vaso-constrictor activity in the lower extremities, 298*

reflex regulation of the circulation, (book review), 720

Veins of the heart, reversal of flow in, 206

Vena superior, arteriovenous cava. aneurysm between aorta and, 281

Venous pressure, studies on, 582* Verzár, F., and Barcroft, J., 830* Viko, L. E., 204 Vomiting and nosebleed in rheumatic individuals, 430*

853

Wallace, A. W., and Katz, L. N., 478, 833*

Walser, J., Laubry, C., Routier, D., and Doumier, E., 444

Warthin, Alfred Scott, 163

Wechsler, H. F., and Packard, F., Jr., 281

Weiss, Morris M., and Horine, E. F., 121

Weiss, Soma, 586* and Ellis, Laurence B., 301,* 305*

White, Paul D., 841 and Rösler, H., 768 and Bland, E. F., 333 and Balboni, G. M., 585*

Wiggers, Carl J., and Theisen, H., and Williams, H. A., 299*

Wile, Udo J., 157 Williams, H. A., Wiggers, C. J., and Theisen, H., 299*

Willius, Fredrick A., 113, 723, 835*

Willner, Otto, 431* Wilson, Frank N., MacLeod, A. G., and Barker, P. S., 637

Wilson, May G., and Swift, H. F., 837* Wishnofsky, Max, and Byron, C. S., 717*

Wolferth, Charles C., and Margolies, A., 438

Wood, Francis C., 580*

Wood, Francis C., and Eliason, E. L., 581*

Wolferth, C. C., 580*

Wyckoff, John, and Niles, W. L., 432*

and Sutton, L. P., 718* Yater, Wallace M., 710 and Trewhella, A. P., 840*

Yellow fever, experimental, myocardial function in, 483*

myocardial lesion in, 504

\mathbf{z}

Zeisler, Ernest Bloomfield, 416 Ziellessen, Frederick O., Margolis, H. M., and Barnes, A. R., 349